

## DENTAL VIDEO IMAGING SYSTEM

### ABSTRACT OF THE DISCLOSURE

A dental video imaging system includes a housing having a handle portion and a distal end portion. The distal end portion has a view port for viewing intra- and extra- oral dental anatomy. An optical system is mounted in the distal end of the housing for acquiring, orienting and transmitting an image of the dental anatomy appearing in said view port. A sensor assembly, mounted in the distal end of the housing, converts images received through the optical system into video data signals. A camera control unit (CCU) is mounted in the handle portion of the housing. The CCU includes a signal processor for receiving the video data image signal from the sensor and then providing a S-video, composite video or digital video signal output of the images.